

SUBSCRIPTION AGREEMENT

THIS SUBSCRIPTION AGREEMENT (this "Agreement"), is dated as of November 12, 2009, by and among Advanced Cell Technology, Inc., a Delaware corporation (the "Company"), and the subscribers identified on the signature page hereto (each a "Subscriber" and collectively "Subscribers").

WHEREAS, the Company and the Subscribers are executing and delivering this Agreement in reliance upon an exemption from securities registration afforded by the provisions of Section 4(2), Section 4(6) and/or Regulation D ("Regulation D") as promulgated by the United States Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "1933 Act").

WHEREAS, the parties desire that, upon the terms and subject to the conditions contained herein, the Company shall issue and sell to the Subscribers, as provided herein, and the Subscribers, in the aggregate, shall purchase minimum of \$2,000,000 (the "Purchase Price") and a minimum of \$2,400,000 (the "Principal Amount") of:

(i) Promissory notes of the Company ("Note" or "Notes"), a form of which is annexed hereto as **Exhibit A**, convertible into shares of the Company's Common Stock, \$0.001 par value (the "Common Stock") at a per share conversion price set forth in the Note ("Conversion Price");

(ii) Share purchase warrants (the "Warrants"), in the form annexed hereto as **Exhibit B**, to purchase shares of the Company's Common Stock (the "Warrant Shares"); and

(iii) "Additional Investment Rights" granting the Subscriber the right to purchase (y) Secured Convertible Promissory Notes ("AIR Notes") in the form annexed hereto as **Exhibit C**, convertible into Common Stock on the terms and conditions set forth in the Additional Investment Rights Certificate annexed hereto as **Exhibit D**, such Common Stock issuable upon conversion of the AIR Notes being the "AIR Notes Conversion Shares", and (z) "Class B Warrants", in the form annexed hereto as **Exhibit E**, representing the right to purchase Common Stock, with such Common Stock being the "Class B Warrant Shares".

The Notes and the AIR Notes are collectively referred to as "Notes". Shares of Common Stock issuable upon conversion of the Notes and AIR Notes are collectively referred to herein as "Conversion Shares" or the "Shares".

The Class A Warrants and Class B Warrants are collectively referred to herein as the "Warrants."

The Class A Warrant Shares and Class B Warrant Shares are collectively referred to herein as the "Warrant Shares."

The Conversion Shares or Shares, Warrants and the Warrant Shares are collectively referred to herein as the "Securities"; and

WHEREAS, the aggregate proceeds of the sale of the Notes and the Warrants contemplated hereby shall be held in escrow pursuant to the terms of a Funds Escrow Agreement to be executed by the parties substantially in the form attached hereto as **Exhibit F** (the "Escrow Agreement").

NOW, THEREFORE, in consideration of the mutual covenants and other agreements contained in this Agreement the Company and the Subscribers hereby agree as follows:

EXHIBIT G

1. (a) Closing Dates. The "Initial Closing Date" shall be the date that the Initial Closing Principal Amount is transmitted by wire transfer or otherwise credited to or for the benefit of the Company. The consummation of the transactions contemplated herein shall take place at the offices of Grushko & Mittman, P.C., 551 Fifth Avenue, Suite 1601, New York, New York 10176, upon the satisfaction or waiver of all conditions to closing set forth in this Agreement. Each of the Initial Closing Date and Second Closing Date (as defined in Section 1(c) below) is referred to herein as a "Closing Date." The foregoing notwithstanding, the Company shall have until Friday, November 13, 2009 to close on additional Initial Closing Notes (as defined below) in one or more closings. The Notes and Warrants to be issued on the additional closing dates will have Maturity Dates and exercise periods, respectively, dated as of each of the additional Initial Closing Dates. The first such Initial Closing Date shall be the Initial Closing Date for all time sensitive periods (excluding Maturity Dates and Issue Dates) calculated as of the Closing Date.

(b) Initial Closing. Subject to the satisfaction or waiver of the terms and conditions of this Agreement, on the Initial Closing Date, each Subscriber shall purchase and the Company shall sell to each Subscriber a Note in the principal amount set forth on the signature page hereto ("Initial Closing Notes"), and Warrants as described in Section 2 of this Agreement ("Initial Closing Warrants"). The principal amount of the Notes to be purchased by the Subscribers on the Initial Closing Date shall be at least One Million Two Hundred Thousand Dollars (\$1,200,000) (the "Initial Closing Principal Amount").

(c) Second Closing. The "Second Closing Date" shall be within ninety (90) days of the Initial Closing Date after the compliance with the Second Closing Condition as defined in Section 1(d) of this Agreement (the "Second Closing Date"). Subject to the satisfaction or waiver of the conditions to Closing, on the Second Closing Date, each Subscriber shall purchase and the Company shall sell to each Subscriber a Note in the Principal Amount set forth on the signature page hereto ("Second Closing Notes") and Warrants as described in Section 2 of this Agreement ("Second Closing Warrants"). The Second Closing Notes shall be of the same tenor as the Notes issuable on the Initial Closing Date and have the same maturity date as the Initial Closing Notes. The principal amount of the Notes to be purchased by the Subscribers on the Second Closing Date shall be at least One Million Two Hundred Thousand Dollars (\$1,200,000) (the "Second Closing Principal Amount").

(d) Conditions to Second Closing. The occurrence of the Second Closing is expressly contingent on (i) the truth and accuracy, on the Second Closing Date of the representations and warranties of the Company and Subscriber contained in this Agreement except for changes that do not constitute a Material Adverse Effect (as defined in Section 5(a)), (ii) continued compliance with the covenants of the Company set forth in this Agreement, and (iii) the non-occurrence of any Event of Default (as defined in the Note and this Agreement) or an event that with the passage of time or the giving of notice could become an Event of Default.

(e) Second Closing Deliveries. On the Second Closing Date, the Company will deliver a certificate ("Second Closing Certificate") signed by its chief executive officer and chief financial officer (i) representing the truth and accuracy of all the representations and warranties made by the Company contained in this Agreement, as of the Initial Closing Date, and the Second Closing Date as if such representations and warranties were made and given on all such dates, except for changes that do not constitute a Material Adverse Effect, (ii) certifying that the information contained in the schedules and exhibits hereto is substantially accurate as of the Second Closing Date, except for changes that do not constitute a Material Adverse Effect, (iii) adopting and renewing the covenants and representations set forth in Sections 5, 8, 9, 10, 11, and 12 of this Agreement in relation to the Second Closing Date, Second Closing Notes, and Second Closing Warrants, and (iv) certifying that an Event of Default or an event that with the passage of time or the giving of notice could become an Event of Default except as described in Section 1(e) above, has not occurred. A legal opinion nearly identical to the legal opinion referred to in Section 6 of this Agreement shall be delivered to each Subscriber at the Second Closing in relation to the Company, Second Closing Notes and Second Closing Warrants ("Second Closing Legal Opinion").

2. Note, Warrants and Additional Investment Rights.

(a) Notes. Subject to the satisfaction or waiver of the terms and conditions of this Agreement, on the Closing Date, each Subscriber shall purchase and the Company shall sell to the Subscriber a Note in the Principal Amount designated on the signature page hereto for such Subscriber's Purchase Price indicated thereon.

(b) Class A Warrants. On each Closing Date, the Company will issue and deliver Class A Warrants to the Subscriber. One and one-third Class A Warrants will be issued for each two Shares which would be issued on the Closing Date assuming the complete conversion of the Note on the Closing Date at the Conversion Price. The exercise price to acquire a Warrant Share upon exercise of a Class A Warrant shall be equal to shall be 110% of the closing price of the Company's Common Stock as reported by Bloomberg L.P. for the trading day preceding the Initial Closing Date, provided however, such exercise price shall not be less than \$.10 per share, subject to reduction as described in the Class A Warrant. The Class A Warrants shall be exercisable until five years after the issue date of the Class A Warrants.

(c) Additional Investment Rights. On the Closing Date, the Company will issue Additional Investment Rights to the Subscribers. One Additional Investment Right will be issued for each \$1.00 of Purchase Price paid on the Closing Date. Each Additional Investment Right will represent the right to purchase \$1.20 of Purchase Price of Secured Convertible Notes and a corresponding amount of Warrants as described in the Additional Investment Rights Certificate. The Additional Investment Right will be exercisable until nine months after the Initial Closing Date.

(d) Allocation of Purchase Price. The Purchase Price will be allocated among the components of the Securities so that each component of the Securities will be fully paid and non-assessable.

3. RESERVED.

4. Subscriber Representations and Warranties. Subscriber hereby represents and warrants to and agrees with the Company that:

(a) Organization and Standing of the Subscriber. Subscriber is a corporation duly incorporated, validly existing and in good standing under the laws of the jurisdiction of its incorporation.

(b) Authorization and Power. Subscriber has the requisite power and authority to enter into and perform this Agreement and the other Transaction Documents and to purchase the Note being sold to it hereunder. The execution, delivery and performance of this Agreement and the other Transaction Documents by Subscriber and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary corporate action, and no further consent or authorization of Subscriber or its Board of Directors or stockholders is required. This Agreement and the other Transaction Documents have been duly authorized, executed and when delivered by Subscriber and constitute, or shall constitute when executed and delivered, a valid and binding obligation of Subscriber enforceable against Subscriber in accordance with the terms thereof.

(c) No Conflicts. The execution, delivery and performance of this Agreement and the other Transaction Documents and the consummation by Subscriber of the transactions contemplated hereby and thereby or relating hereto do not and will not (i) result in a violation of Subscriber's charter documents, bylaws or other organizational documents, (ii) conflict with nor constitute a default (or an event which with notice or lapse of time or both would become a default) under, nor (iii) result in a violation of any law, rule, or regulation,

or any order, judgment or decree of any court or governmental agency applicable to Subscriber or its properties (except for such conflicts, defaults and violations as would not, individually or in the aggregate, have a material adverse effect on Subscriber). Subscriber is not required to obtain any consent, authorization or order of, or make any filing or registration with, any court or governmental agency in order for it to execute, deliver or perform any of its obligations under this Agreement and the other Transaction Documents nor to purchase the Securities in accordance with the terms hereof, provided that for purposes of the representation made in this sentence, Subscriber is assuming and relying upon the accuracy of the relevant representations and agreements of the Company herein.

(d) Information on Company. Subscriber has been furnished with or has had access at the EDGAR Website of the Commission to the Company's Form 10K filed on July 7, 2009 and the 10-K/A filed on August 5, 2009 for the fiscal year ended December 31, 2008, and the financial statements included therein for the year ended December 31, 2008, together with all subsequent filings made with the Commission available at the EDGAR website until five days before the Closing Date (hereinafter referred to collectively as the "Reports"). In addition, Subscriber may have received in writing from the Company such other information concerning its operations, financial condition and other matters as Subscriber has requested in writing, identified thereon as OTHER WRITTEN INFORMATION (such other information is collectively, the "Other Written Information"), and considered all factors Subscriber deems material in deciding on the advisability of investing in the Securities.

(e) Information on Subscriber. Subscriber is, and will be at the time of the conversion of the Notes and exercise of the Warrants, an "accredited investor", as such term is defined in Regulation D promulgated by the Commission under the 1933 Act, is experienced in investments and business matters, has made investments of a speculative nature and has purchased securities of United States publicly-owned companies in private placements in the past and, with its representatives, has such knowledge and experience in financial, tax and other business matters as to enable Subscriber to utilize the information made available by the Company to evaluate the merits and risks of and to make an informed investment decision with respect to the proposed purchase, which represents a speculative investment. Subscriber has the authority and is duly and legally qualified to purchase and own the Securities. Subscriber is able to bear the risk of such investment for an indefinite period and to afford a complete loss thereof. The information set forth on the signature page hereto regarding Subscriber is accurate.

(f) Purchase of Note, Warrants and Additional Investment Rights. On the Closing Date, such Subscriber will purchase the Note, Warrant and Additional Investment Rights as principal for its own account for investment only and not with a view toward, or for resale in connection with, the public sale or any distribution thereof.

(g) Compliance with Securities Act. Subscriber understands and agrees that the Securities have not been registered under the 1933 Act or any applicable state securities laws, by reason of their issuance in a transaction that does not require registration under the 1933 Act (based in part on the accuracy of the representations and warranties of the Subscriber contained herein), and that such Securities must be held indefinitely unless a subsequent disposition is registered under the 1933 Act or any applicable state securities laws or is exempt from such registration. In any event, and subject to compliance with applicable securities laws, the Subscriber may enter into lawful hedging transactions in the course of hedging the position they assume and the Subscriber may also enter into lawful short positions or other derivative transactions relating to the Securities, or interests in the Securities, and deliver the Securities, or interests in the Securities, to close out their short or other positions or otherwise settle other transactions, or loan or pledge the Securities, or interests in the Securities, to third parties who in turn may dispose of these Securities.

(h) Conversion Shares, Class A and Class B Warrant Shares and AIR Legend. The Conversion Shares, Class A and Class B Warrant Shares and AIR shall bear the following or similar legend:

"THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, NOR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL (WHICH COUNSEL SHALL BE SELECTED BY THE HOLDER), IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR (II) UNLESS SOLD PURSUANT TO RULE 144 OR RULE 144A UNDER SAID ACT. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES."

(i) Note, Warrant and Additional Investment Rights Legend. The Note, Warrant and certificate representing the Additional Investment Rights shall bear the following legend:

"NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE [CONVERTIBLE -OR- EXERCISABLE] HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL (WHICH COUNSEL SHALL BE SELECTED BY THE HOLDER), IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR (II) UNLESS SOLD PURSUANT TO RULE 144 OR RULE 144A UNDER SAID ACT. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES."

(j) Communication of Offer. The offer to sell the Securities was directly communicated to Subscriber by the Company. At no time was Subscriber presented with or solicited by any leaflet, newspaper or magazine article, radio or television advertisement, or any other form of general advertising or solicited or invited to attend a promotional meeting otherwise than in connection and concurrently with such communicated offer.

(k) Restricted Securities. Subscriber understands that the Securities have not been registered under the 1933 Act and Subscriber will not sell, offer to sell, assign, pledge, hypothecate or otherwise transfer any of the Securities unless pursuant to an effective registration statement under the 1933 Act, or unless an exemption from registration is available. Notwithstanding anything to the contrary contained in this Agreement,

Subscriber may transfer (without restriction and without the need for an opinion of counsel) the Securities to its Affiliates (as defined below) provided that each such Affiliate is an "accredited investor" under Regulation D and such Affiliate agrees to be bound by the terms and conditions of this Agreement. For the purposes of this Agreement, an "Affiliate" of any person or entity means any other person or entity directly or indirectly controlling, controlled by or under direct or indirect common control with such person or entity. Affiliate includes each Subsidiary of the Company. For purposes of this definition, "control" means the power to direct the management and policies of such person or firm, directly or indirectly, whether through the ownership of voting securities, by contract or otherwise.

(l) No Governmental Review. Subscriber understands that no United States federal or state agency or any other governmental or state agency has passed on or made recommendations or endorsement of the Securities or the suitability of the investment in the Securities nor have such authorities passed upon or endorsed the merits of the offering of the Securities.

(m) Correctness of Representations. Each Subscriber represents that the foregoing representations and warranties are true and correct as of the date hereof and, unless Subscriber otherwise notifies the Company prior to the Closing Date shall be true and correct as of the Closing Date.

(n) Survival. The foregoing representations and warranties shall survive the Closing Date.

5. Company Representations and Warranties. The Company represents and warrants to and agrees with each Subscriber that:

(a) Due Incorporation. The Company is a corporation or other entity duly incorporated or organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization and has the requisite corporate power to own its properties and to carry on its business as presently conducted. The Company is duly qualified as a foreign corporation to do business and is in good standing in each jurisdiction where the nature of the business conducted or property owned by it makes such qualification necessary, other than those jurisdictions in which the failure to so qualify would not have a Material Adverse Effect. For purposes of this Agreement, a "Material Adverse Effect" shall mean a material adverse effect on the financial condition, results of operations, prospects, properties or business of the Company and its Subsidiaries taken as a whole. For purposes of this Agreement, "Subsidiary" means, with respect to any entity at any date, any corporation, limited or general partnership, limited liability company, trust, estate, association, joint venture or other business entity of which more than 30% of (i) the outstanding capital stock having (in the absence of contingencies) ordinary voting power to elect a majority of the board of directors or other managing body of such entity, (ii) in the case of a partnership or limited liability company, the interest in the capital or profits of such partnership or limited liability company or (iii) in the case of a trust, estate, association, joint venture or other entity, the beneficial interest in such trust, estate, association or other entity business is, at the time of determination, owned or controlled directly or indirectly through one or more intermediaries, by such entity. As of the Closing Date, all of the Company's Subsidiaries and the Company's ownership interest therein is set forth on Schedule 5(a).

(b) Outstanding Stock. All issued and outstanding shares of capital stock and equity interests in the Company have been duly authorized and validly issued and are fully paid and non-assessable.

(c) Authority: Enforceability. This Agreement, the Note, Shares, Warrants, Additional Investment Rights, the Escrow Agreement, and any other agreements delivered together with this Agreement or in connection herewith (collectively "Transaction Documents") have been duly authorized, executed and delivered by the Company and/or Subsidiaries and are valid and binding agreements of the Company

enforceable in accordance with their terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors' rights generally and to general principles of equity. The Company has full corporate power and authority necessary to enter into and deliver the Transaction Documents and to perform its obligations thereunder.

(d) Capitalization and Additional Issuances. The authorized and outstanding capital stock of the Company and Subsidiaries on a fully diluted basis as of the date of this Agreement and the Closing Date (not including the Securities) are set forth on Schedule 5(d). Except as set forth on Schedule 5(d), there are no options, warrants, or rights to subscribe to, securities, rights, understandings or obligations convertible into or exchangeable for or giving any right to subscribe for any shares of capital stock or other equity interest of the Company or any of the Subsidiaries. The only officer, director, employee and consultant stock option or stock incentive plan or similar plan currently in effect or contemplated by the Company is described on Schedule 5(d). There are no outstanding agreements or preemptive or similar rights affecting the Company's Common Stock.

(e) Consents. Other than the declaration of the effectiveness of any registration statement, no consent, approval, authorization or order of any court, governmental agency or body or arbitrator having jurisdiction over the Company, or any of its Affiliates, the OTC Bulletin Board (the "Bulletin Board") or the Company's shareholders is required for the execution by the Company of the Transaction Documents and compliance and performance by the Company of its obligations under the Transaction Documents, including, without limitation, the issuance and sale of the Securities. The Transaction Documents and the Company's performance of its obligations thereunder has been unanimously approved by the Company's Board of Directors. Other than with respect to the filing of a Form D, any required blue sky filing and the declaration of effectiveness by the Commission of any registration statement required by this Agreement, no consent, approval, order or authorization of, or registration, qualification, designation, declaration or filing with, any governmental authority in the world, including without limitation, the United States, or elsewhere is required by the Company or any Affiliate of the Company in connection with the consummation of the transactions contemplated by this Agreement, except as would not otherwise have a Material Adverse Effect or the consummation of any of the other agreements, covenants or commitments of the Company or any Subsidiary contemplated by the other Transaction Documents. Any such qualifications and filings will, in the case of qualifications, be effective on the Closing and will, in the case of filings, be made within the time prescribed by law.

(f) No Violation or Conflict. Assuming the representations and warranties of the Subscriber in Section 4 are true and correct, neither the issuance and sale of the Securities nor the performance of the Company's obligations under this Agreement and all other agreements entered into by the Company relating thereto by the Company will:

(i) violate, conflict with, result in a breach of, or constitute a default (or an event which with the giving of notice or the lapse of time or both would be reasonably likely to constitute a default) under (A) the articles or certificate of incorporation, charter or bylaws of the Company, (B) to the Company's knowledge, any decree, judgment, order, law, treaty, rule, regulation or determination applicable to the Company of any court, governmental agency or body, or arbitrator having jurisdiction over the Company or over the properties or assets of the Company or any of its Affiliates, (C) the terms of any bond, debenture, note or any other evidence of indebtedness, or any agreement, stock option or other similar plan, indenture, lease, mortgage, deed of trust or other instrument to which the Company or any of its Affiliates is a party, by which the Company or any of its Affiliates is bound, or to which any of the properties of the Company or any of its Affiliates is subject, or (D) the terms of any "lock-up" or similar provision of any underwriting or similar agreement to which the Company, or any of its Affiliates is a party except the violation, conflict, breach, or default of which would not have a Material Adverse Effect; or

(ii) result in the creation or imposition of any lien, charge or encumbrance upon the Securities or any of the assets of the Company or any of its Affiliates except in favor of Subscriber as described herein; or

(iii) except as described on Schedule 5(f)(iii), result in the activation of any anti-dilution rights or a reset or repricing of any debt, equity or security instrument of any creditor or equity holder of the Company, or the holder of the right to receive any debt, equity or security instrument of the Company nor result in the acceleration of the due date of any obligation of the Company; or

(iv) except as described on Schedule 5(f)(iii), result in the triggering of any piggy-back or other registration rights of any person or entity holding securities of the Company or having the right to receive securities of the Company.

(g) The Securities. The Securities upon issuance:

(i) are, or will be, free and clear of any security interests, liens, claims or other encumbrances, subject only to restrictions upon transfer under the 1933 Act and any applicable state securities laws;

(ii) have been, or will be, duly and validly authorized and on the dates of issuance of the Conversion Shares upon conversion of the Note, and the Warrant Shares upon exercise of the Warrants, such Shares and Warrant Shares will be duly and validly issued, fully paid and non-assessable and if registered pursuant to the 1933 Act and resold pursuant to an effective registration statement or exempt from registration will be free trading, unrestricted and unlegended;

(iii) will not have been issued or sold in violation of any preemptive or other similar rights of the holders of any securities of the Company or rights to acquire securities of the Company;

(iv) will not subject the holders thereof to personal liability by reason of being such holders; and

(v) assuming the representations warranties of the Subscribers as set forth in Section 4 hereof are true and correct, will not result in a violation of Section 5 under the 1933 Act.

(h) Litigation. There is no pending or, to the best knowledge of the Company, threatened action, suit, proceeding or investigation before any court, governmental agency or body, or arbitrator having jurisdiction over the Company, or any of its Affiliates that would affect the execution by the Company or the complete and timely performance by the Company of its obligations under the Transaction Documents. Except as disclosed in the Reports, there is no pending or, to the best knowledge of the Company, basis for or threatened action, suit, proceeding or investigation before any court, governmental agency or body, or arbitrator having jurisdiction over the Company, or any of its Affiliates which litigation if adversely determined would have a Material Adverse Effect.

(i) No Market Manipulation. The Company and its Affiliates have not taken, and will not take, directly or indirectly, any action designed to, or that might reasonably be expected to, cause or result in stabilization or manipulation of the price of the Common Stock to facilitate the sale or resale of the Securities or affect the price at which the Securities may be issued or resold.

(j) Information Concerning Company. The Reports and Other Written Information contain all material information relating to the Company and its operations and financial condition as of their respective dates which information is required to be disclosed therein. Since December 31, 2008 and except as

modified in the Reports and Other Written Information or in the Schedules hereto, there has been no Material Adverse Event relating to the Company's business, financial condition or affairs. The Reports and Other Written Information including the financial statements included therein do not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, taken as a whole, not misleading in light of the circumstances and when made.

(k) Solvency. Based on the financial condition of the Company as of the Closing Date, (i) the Company's fair saleable value of its assets exceeds the amount that will be required to be paid on or in respect of the Company's existing debts and other liabilities (including known contingent liabilities) as they mature; (ii) the Company's assets do not constitute unreasonably small capital to carry on its business for the current fiscal year as now conducted and as proposed to be conducted including its capital needs taking into account the particular capital requirements of the business conducted by the Company, and projected capital requirements and capital availability thereof; and (iii) the current cash flow of the Company, together with the proceeds the Company would receive, were it to liquidate all of its assets, after taking into account all anticipated uses of the cash, would be sufficient to pay all amounts on or in respect of its debt when such amounts are required to be paid. The Company does not intend to incur debts beyond its ability to pay such debts as they mature (taking into account the timing and amounts of cash to be payable on or in respect of its debt).

(l) Defaults. The Company is not in violation of its articles of incorporation or bylaws. The Company is (i) not in default under or in violation of any other material agreement or instrument to which it is a party or by which it or any of its properties are bound or affected, which default or violation would have a Material Adverse Effect, (ii) not in default with respect to any order of any court, arbitrator or governmental body or subject to or party to any order of any court or governmental authority arising out of any action, suit or proceeding under any statute or other law respecting antitrust, monopoly, restraint of trade, unfair competition or similar matters, or (iii) not in violation of any statute, rule or regulation of any governmental authority which violation would have a Material Adverse Effect.

(m) No Integrated Offering. Neither the Company, nor any of its Affiliates, nor any person acting on its or their behalf, has directly or indirectly made any offers or sales of any security of the Company nor solicited any offers to buy any security of the Company under circumstances that would cause the offer of the Securities pursuant to this Agreement to be integrated with prior offerings by the Company for the purposes of the 1933 Act or any applicable stockholder approval provisions, including, without limitation, under the rules and regulations of the Bulletin Board, which would impair the exemptions relied upon in this Offering or the Company's ability to timely comply with its obligations hereunder. No prior offering will impair the exemptions relied upon in this Offering or the Company's ability to timely comply with its obligations hereunder. Neither the Company nor any of its Affiliates will take any action or steps that would cause the offer or issuance of the Securities to be integrated with other offerings which would impair the exemptions relied upon in this Offering or the Company's ability to timely comply with its obligations hereunder. The Company will not conduct any offering other than the transactions contemplated hereby that may be integrated with the offer or issuance of the Securities that would impair the exemptions relied upon in this Offering or the Company's ability to timely comply with its obligations hereunder.

(n) No General Solicitation. Neither the Company, nor any of its Affiliates, nor to its knowledge, any person acting on its or their behalf, has engaged in any form of general solicitation or general advertising (within the meaning of Regulation D under the 1933 Act) in connection with the offer or sale of the Securities.

(o) No Undisclosed Liabilities. The Company has no liabilities or obligations which are material, individually or in the aggregate, other than those incurred in the ordinary course of the Company

businesses since December 31, 2008 and which, individually or in the aggregate, would reasonably be expected to have a Material Adverse Effect, except as disclosed in the Reports or on Schedule 5(o).

(p) No Undisclosed Events or Circumstances. Since December 31, 2008, except as disclosed on Schedule 5(p) or in the Reports, no event or circumstance has occurred or exists with respect to the Company or its businesses, properties, operations or financial condition, that, under applicable law, rule or regulation, requires public disclosure or announcement prior to the date hereof by the Company but which has not been so publicly announced or disclosed on Schedule 5(p) or in the Reports.

(q) RESERVED.

(r) Dilution. The Company's executive officers and directors understand the nature of the Securities being sold hereby and recognize that the issuance of the Securities will have a potential dilutive effect on the equity holdings of other holders of the Company's equity or rights to receive equity of the Company. The board of directors of the Company has concluded, in its good faith business judgment that the issuance of the Securities is in the best interests of the Company. The Company specifically acknowledges that its obligation to issue the Conversion Shares upon conversion of the Note and the Warrant Shares upon exercise of the Warrants is binding upon the Company and enforceable regardless of the dilution such issuance may have on the ownership interests of other shareholders of the Company or parties entitled to receive equity of the Company.

(s) No Disagreements with Accountants and Lawyers. There are no material disagreements of any kind presently existing, or reasonably anticipated by the Company to arise between the Company and the accountants and lawyers previously and presently employed by the Company, including but not limited to disputes or conflicts over payment owed to such accountants and lawyers, nor have there been any such disagreements during the two years prior to the Closing Date.

(t) Investment Company. Neither the Company nor any Affiliate of the Company is an "investment company" within the meaning of the Investment Company Act of 1940, as amended.

(u) Foreign Corrupt Practices. Neither the Company, nor to the knowledge of the Company, any agent or other person acting on behalf of the Company, has (i) directly or indirectly, used any funds for unlawful contributions, gifts, entertainment or other unlawful expenses related to foreign or domestic political activity, (ii) made any unlawful payment to foreign or domestic government officials or employees or to any foreign or domestic political parties or campaigns from corporate funds, (iii) failed to disclose fully any contribution made by the Company (or made by any person acting on its behalf of which the Company is aware) which is in violation of law, or (iv) violated in any material respect any provision of the Foreign Corrupt Practices Act of 1977, as amended.

(v) Reporting Company/Shell Company. The Company is a publicly-held company subject to reporting obligations pursuant to Section 13 of the Securities Exchange Act of 1934, as amended (the "1934 Act") and has a class of Common Stock registered pursuant to Section 12(g) of the 1934 Act. Pursuant to the provisions of the 1934 Act, the Company has filed all reports and other materials required to be filed thereunder with the Commission during the preceding twelve months. As of the Closing Date, the Company is not a "shell company"; or a "former shell company" as those terms are employed in Rule 144 under the 1933 Act.

(w) Listing. The Company's Common Stock is quoted on the Bulletin Board under the symbol ACTC. The Company has not received any oral or written notice that its Common Stock is not eligible nor will become ineligible for quotation on the Bulletin Board nor that its Common Stock does not meet all requirements for the continuation of such quotation. The Company satisfies all the requirements for the continued quotation of its Common Stock on the Bulletin Board.

(x) DTC Status. The Company's transfer agent is a participant in, and the Common Stock is eligible for transfer pursuant to, the Depository Trust Company Automated Securities Transfer Program. The name, address, telephone number, fax number, contact person and email address of the Company transfer agent is set forth on Schedule 5(x) hereto.

(y) Company Predecessor and Subsidiaries. The Company makes each of the representations contained in Sections 5(a), (b), (c), (d), (e), (f), (h), (j), (l), (o), (p), (q), (s), (t) and (u) of this Agreement, as same relate or could be applicable to each Subsidiary other than Mytogen, Inc., which not in good standing, is void and which the Company does not make any representations about. All representations made by or relating to the Company of a historical or prospective nature and all undertakings described in Sections 9(g) through 9(l) shall relate, apply and refer to the Company and its predecessors and successors. The Company represents that it owns all of the equity of the Subsidiaries and rights to receive equity of the Subsidiaries identified on Schedule 5(a), free and clear of all liens, encumbrances and claims, except as set forth on Schedule 5(a). No person or entity other than the Company has the right to receive any equity interest in the Subsidiaries. The Company further represents that the Subsidiaries have not been known by any other name for the prior five years.

(z) Correctness of Representations. The Company represents that the foregoing representations and warranties are true and correct as of the date hereof in all material respects, and, unless the Company otherwise notifies the Subscribers prior to the Closing Date, shall be true and correct in all material respects as of the Closing Date; provided, that, if such representation or warranty is made as of a different date, in which case such representation or warranty shall be true as of such date.

(AA) Survival. The foregoing representations and warranties shall survive the Closing Date.

6. Regulation D Offering/Legal Opinion. The offer and issuance of the Securities to the Subscribers is being made pursuant to the exemption from the registration provisions of the 1933 Act afforded by Section 4(2) or Section 4(6) of the 1933 Act and/or Rule 506 of Regulation D promulgated thereunder. On the Closing Date, the Company will provide an opinion reasonably acceptable to the Subscribers from the Company's legal counsel opining on the availability of an exemption from registration under the 1933 Act as it relates to the offer and issuance of the Securities and other matters reasonably requested by Subscribers. A form of the legal opinion is annexed hereto as Exhibit G. The Company will provide, at the Company's expense, such other legal opinions, if any, as are reasonably necessary in each Subscriber's opinion for the issuance and resale of the Common Stock issuable upon conversion of the Notes and exercise of the Warrants pursuant to an effective registration statement, Rule 144 under the 1933 Act or an exemption from registration.

7.1. Conversion of Note.

(a) Upon the conversion of a Note or part thereof, the Company shall, at its own cost and expense, take all necessary action, including obtaining and delivering, an opinion of counsel to assure that the Company's transfer agent shall issue stock certificates in the name of Subscriber (or its permitted nominee) or such other persons as designated by Subscriber and in such denominations to be specified at conversion representing the number of shares of Common Stock issuable upon such conversion. The Company warrants that no instructions other than these instructions have been or will be given to the transfer agent of the Company's Common Stock and that the certificates representing such shares shall contain no legend other than the legend set forth in Section 4(h). If and when Subscriber sells the Shares, assuming (i) a registration statement including such Shares for registration, filed with the Commission is effective and the prospectus, as supplemented or amended, contained therein is current and (ii) Subscriber or its agent confirms in writing to the transfer agent that Subscriber

has complied with the prospectus delivery requirements, the Company will reissue the Shares without restrictive legend and the Shares will be free-trading, and freely transferable. In the event that the Shares are sold in a manner that complies with an exemption from registration, the Company will promptly instruct its counsel to issue to the transfer agent an opinion permitting removal of the legend indefinitely, if pursuant to Rule 144(b)(1)(i) of the 1933 Act, or for 90 days if pursuant to the other provisions of Rule 144 of the 1933 Act, provided that Subscriber delivers all reasonably requested representations in support of such opinion.

(b) Subscriber will give notice of its decision to exercise its right to convert the Note, interest, or part thereof by telecopying, or otherwise delivering a completed Notice of Conversion (a form of which is annexed as **Exhibit A** to the Note) to the Company via confirmed telecopier transmission or otherwise pursuant to Section 13(a) of this Agreement. Subscriber will not be required to surrender the Note until the Note has been fully converted or satisfied. Each date on which a Notice of Conversion is telecopied to the Company in accordance with the provisions hereof by 6 PM Eastern Time ("ET") (or if received by the Company after 6 PM ET, then the next business day) shall be deemed a "Conversion Date." The Company will itself or cause the Company's transfer agent to transmit the Company's Common Stock certificates representing the Conversion Shares issuable upon conversion of the Note to Subscriber via express courier for receipt by Subscriber within three (3) business days after the Conversion Date (such third day being the "**Delivery Date**"). In the event the Conversion Shares are electronically transferable, then delivery of the Shares must be made by electronic transfer provided request for such electronic transfer has been made by the Subscriber. A Note representing the balance of the Note not so converted will be provided by the Company to Subscriber if requested by Subscriber, provided Subscriber delivers the original Note to the Company.

(c) The Company understands that a delay in the delivery of the Conversion Shares in the form required pursuant to Section 7.1 hereof, or the Mandatory Redemption Amount described in Section 7.2 hereof, respectively, later than the Delivery Date or the Mandatory Redemption Payment Date (as hereinafter defined) could result in economic loss to the Subscriber. As compensation to Subscriber for such loss, the Company agrees to pay (as liquidated damages and not as a penalty) to Subscriber for late issuance of Conversion Shares in the form required pursuant to Section 7.1 hereof upon Conversion of the Note, the amount of \$100 per business day after the Delivery Date for each \$10,000 of Note principal amount and interest (and proportionately for other amounts) being converted of the corresponding Conversion Shares which are not timely delivered. The Company shall pay any payments incurred under this Section upon demand. Furthermore, in addition to any other remedies which may be available to the Subscriber, in the event that the Company fails for any reason to effect delivery of the Conversion Shares within seven (7) business days after the Delivery Date or make payment within seven (7) business days after the Mandatory Redemption Payment Date (as defined in Section 7.2 below), Subscriber will be entitled to revoke all or part of the relevant Notice of Conversion or rescind all or part of the notice of Mandatory Redemption by delivery of a notice to such effect to the Company whereupon the Company and Subscriber shall each be restored to their respective positions immediately prior to the delivery of such notice, except that the damages payable in connection with the Company's default shall be payable through the date notice of revocation or rescission is given to the Company.

7.2. Mandatory Redemption at Subscriber's Election. In the event (i) the Company is prohibited from issuing Conversion Shares or Warrant Shares, (ii) upon the occurrence of any other Event of Default (as defined in the Note or in this Agreement), that continues for more than ten (10) business days, (iii) a Change in Control (as defined below), or (iv) of the liquidation, dissolution or winding up of the Company, then at the Subscriber's election, the Company must pay to the Subscriber ten (10) business days after request by Subscriber ("Calculation Period"), a sum of money determined by multiplying up to the outstanding principal amount of the Note designated by Subscriber by 120%, plus accrued but unpaid interest and any other amounts due under the Transaction Documents ("Mandatory Redemption Payment"). The Mandatory Redemption Payment must be received by Subscriber not later than ten (10) business days after request ("Mandatory Redemption Payment Date"). Upon receipt of the Mandatory Redemption Payment, the corresponding Note

principal, interest and other amounts will be deemed paid and no longer outstanding. The Subscriber may rescind the election to receive a Mandatory Redemption Payment at any time until such payment is actually received. Liquidated damages calculated pursuant to Section 7.1(c) hereof, that have been paid or accrued for the ten day period prior to the actual receipt of the Mandatory Redemption Payment by Subscriber shall be credited against the Mandatory Redemption Payment. For purposes of this Section 7.2, "Change in Control" shall mean (i) the Company no longer having a class of shares publicly traded or listed on a Principal Market (as defined in Section 9(b) hereto), (ii) the Company becoming a Subsidiary of another entity (other than a corporation formed by the Company for purposes of reincorporation in another U.S. jurisdiction), (iii) a majority of the board of directors of the Company as of the Closing Date no longer serving as directors of the Company except due to natural causes, and (iv) the sale, lease or transfer of substantially all the assets of the Company or its Subsidiaries.

7.3. Maximum Conversion. Subscriber shall not be entitled to convert on a Conversion Date that amount of the Note nor may the Company make any payment including principal, interest, or liquidated or other damages by delivery of Conversion Shares in connection with that number of Conversion Shares which would be in excess of the sum of (i) the number of shares of Common Stock beneficially owned by Subscriber and its Affiliates on a Conversion Date or payment date, and (ii) the number of Conversion Shares issuable upon the conversion of the Note with respect to which the determination of this provision is being made on a calculation date, which would result in beneficial ownership by Subscriber and its Affiliates of more than 4.99% of the outstanding shares of Common Stock of the Company on such Conversion Date. For the purposes of the immediately preceding sentence, beneficial ownership shall be determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended, and Rule 13d-3 thereunder. Subject to the foregoing, the Subscriber shall not be limited to aggregate conversions of only 4.99% and aggregate conversions by the Subscriber may exceed 4.99%. The Subscriber may increase the permitted beneficial ownership amount up to 9.99% upon and effective after 61 days prior written notice to the Company. Subscriber may allocate which of the equity of the Company deemed beneficially owned by Subscriber shall be included in the 4.99% amount described above and which shall be allocated to the excess above 4.99%.

7.4. Injunction Posting of Bond. In the event Subscriber shall elect to convert a Note or part thereof, the Company may not refuse conversion based on any claim that Subscriber or any one associated or affiliated with Subscriber has been engaged in any violation of law, or for any other reason, unless, a final non-appealable injunction from a court made on notice to Subscriber, restraining and/or enjoining conversion of all or part of such Note shall have been sought and obtained by the Company and the Company has posted a surety bond for the benefit of Subscriber in the amount of 120% of the outstanding principal and accrued but unpaid interest of the Note, or aggregate purchase price of the Shares which are sought to be subject to the injunction, which bond shall remain in effect until the completion of arbitration/litigation of the dispute and the proceeds of which shall be payable to Subscriber to the extent the judgment or decision is in Subscriber's favor.

7.5. Buy-In. In addition to any other rights available to Subscriber, if the Company fails to deliver to Subscriber Conversion Shares by the Delivery Date and if after the Delivery Date Subscriber or a broker on Subscriber's behalf purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by Subscriber of the Common Stock which Subscriber was entitled to receive upon such conversion (a "Buy-In"), then the Company shall pay to Subscriber (in addition to any remedies available to or elected by the Subscriber) the amount by which (A) Subscriber's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (B) the aggregate principal and/or interest amount of the Note for which such conversion request was not timely honored together with interest thereon at a rate of 15% per annum, accruing until such amount and any accrued interest thereon is paid in full (which amount shall be paid as liquidated damages and not as a penalty). For example, if a Subscriber purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted conversion of \$10,000 of Note principal and/or interest, the Company shall be required to pay Subscriber \$1,000

plus interest. Subscriber shall provide the Company written notice and evidence indicating the amounts payable to Subscriber in respect of the Buy-In.

7.6 Adjustments. The Conversion Price, Warrant exercise price and amount of Shares issuable upon conversion of the Notes and Warrant Shares issuable upon exercise of the Warrants shall be equitably adjusted and as otherwise described in this Agreement, the Notes and Warrants.

7.7. Redemption. The Note shall not be redeemable or callable by the Company, except as described in the Note.

8. Due Diligence/Legal Fees.

(a) **Due Diligence Fee.** The Company and Subscriber agree to indemnify the other against and hold the other harmless from any and all liabilities to any persons other than those listed on Schedule 8(a) claiming brokerage commissions, finder's fees, credit enhancement fees or due diligence fees on account of services purported to have been rendered on behalf of the indemnifying party in connection with this Agreement or the transactions contemplated hereby or in connection with any investment in the Company at any time, whether or not such investment was consummated and arising out of such party's actions. The Company represents that there are no parties entitled to receive fees, commissions, credit enhancement fees, due diligence fees, lead investor fees, or similar payments in connection with the Offering except as described on Schedule 8(a). The Company is solely responsible for payment of the fees described on Schedule 8(a) and agrees to pay all such fees at the times stated on Schedule 8(a).

(b) **Subscriber's Legal Fees.** The Company shall pay to Grushko & Mittman, P.C., a fee of \$20,000 ("Subscriber's Legal Fees") as reimbursement for services rendered in connection with the transactions described in the Transaction Documents (the "Offering"). The Subscriber's Legal Fees and expenses (to the extent known as of the Closing) will be payable out of funds held pursuant to the Escrow Agreement. Grushko & Mittman, P.C. will be reimbursed at Closing for all lien searches, filing fees, and printing and shipping costs for the closing statements to be delivered to Subscribers.

9. Covenants of the Company. The Company covenants and agrees with the Subscribers as follows:

(a) **Stop Orders.** Subject to the prior notice requirement described in Section 9(n), the Company will advise the Subscriber, within twenty-four hours after it receives notice of issuance by the Commission, any state securities commission or any other regulatory authority of any stop order or of any order preventing or suspending any offering of any securities of the Company, or of the suspension of the qualification of the Common Stock of the Company for offering or sale in any jurisdiction, or the initiation of any proceeding for any such purpose. The Company will not issue any stop transfer order or other order impeding the sale, resale or delivery of any of the Securities, except as may be required by any applicable federal or state securities laws and unless contemporaneous notice of such instruction is given to the Subscriber.

(b) **Listing/Quotation.** The Company shall promptly secure the quotation or listing of the Conversion Shares and Warrant Shares upon each national securities exchange, or automated quotation system upon the Company's Common Stock is quoted or listed and upon which such Conversion Shares and Warrant Shares are or become eligible for quotation or listing (subject to official notice of issuance) and shall maintain same so long as any Notes and Warrants are outstanding. The Company will maintain the quotation or listing of its Common Stock on the NYSE Amex, Nasdaq Capital Market, Nasdaq Global Market, Nasdaq Global Select Market, Bulletin Board, or New York Stock Exchange (whichever of the foregoing is at the time the principal trading exchange or market for the Common Stock (the "Principal Market"), and will comply in all respects with

the Company's reporting, filing and other obligations under the bylaws or rules of the Principal Market, as applicable. The Company will provide Subscribers with copies of all notices it receives notifying the Company of the threatened and actual delisting of the Common Stock from any Principal Market. As of the date of this Agreement and the Closing Date, the Bulletin Board is and will be the Principal Market.

(c) Market Regulations. If required, the Company shall notify the Commission, the Principal Market and applicable state authorities, in accordance with their requirements, of the transactions contemplated by this Agreement, and shall take all other necessary action and proceedings as may be required and permitted by applicable law, rule and regulation, for the legal and valid issuance of the Securities to the Subscriber and promptly provide copies thereof to the Subscriber.

(d) Filing Requirements. From the date of this Agreement and until the last to occur of (i) two (2) years after the Second Closing Date, (ii) until all the Shares have been resold or transferred by the Subscriber pursuant to a registration statement or pursuant to Rule 144(b)(1)(i), or (iii) the Note, Warrants and Additional Investment Rights are no longer outstanding (the date of such latest occurrence being the "End Date"), the Company will (A) cause its Common Stock to continue to be registered under Section 12(b) or 12(g) of the 1934 Act, (B) comply in all respects with its reporting and filing obligations under the 1934 Act, (C) voluntarily comply with all reporting requirements that are applicable to an issuer with a class of shares registered pursuant to Section 12(g) of the 1934 Act, if the Company is not subject to such reporting requirements, and (D) comply with all requirements related to any registration statement filed pursuant to this Agreement. The Company will use its best efforts not to take any action or file any document (whether or not permitted by the 1933 Act or the 1934 Act or the rules thereunder) to terminate or suspend such registration or to terminate or suspend its reporting and filing obligations under said acts until the End Date. Until the End Date, the Company will continue the listing or quotation of the Common Stock on a Principal Market and will comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of the Principal Market. The Company agrees to timely file a Form D with respect to the Securities if required under Regulation D and to provide a copy thereof to Subscriber promptly after such filing.

(e) Use of Proceeds. The proceeds of the Offering will be employed by the Company for expenses of the Offering and general working capital. Except as described on Schedule 9(e), the Purchase Price may not and will not be used for accrued and unpaid officer and director salaries, payment of financing related debt, redemption of outstanding notes or equity instruments of the Company nor non-trade obligations outstanding on a Closing Date. For so long as any Note is outstanding, the Company will not prepay any financing related debt obligations, except equipment payments, nor redeem any equity instruments of the Company without the prior consent of the Subscriber.

(f) Reservation. Prior to the Initial Closing Date, the Company undertakes to reserve on behalf of Subscriber from its authorized but unissued Common Stock, a number of shares of Common Stock equal to 175% of the amount of Common Stock necessary to allow Subscriber to be able to convert the entire Note and 100% of the amount of Warrant Shares issuable upon exercise of the Warrants ("Required Reservation"). Failure to have sufficient shares reserved pursuant to this Section 9(f) at any time shall be a material default of the Company's obligations under this Agreement and an Event of Default under the Note. If at any time Notes and Warrants are outstanding the Company has insufficient Common Stock reserved on behalf of the Subscriber in an amount less than 140% of the amount necessary for full conversion of the outstanding Note principal and interest at the conversion price that would be in effect on every such date and 100% of the Warrant Shares ("Minimum Required Reservation"), the Company will promptly reserve the Minimum Required Reservation, or if there are insufficient authorized and available shares of Common Stock to do so, the Company will take all action necessary to increase its authorized capital to be able to fully satisfy its reservation requirements hereunder, including the filing of a preliminary proxy with the Commission not later than fifteen days after the first day the Company has less than the Minimum Required Reservation. The Company agrees to provide notice

to the Subscriber not later than three days after the date the Company has less than the Minimum Required Reservation reserved on behalf of the Subscriber.

(g) DTC Program. At all times that Notes, Warrants and Additional Investment Rights are outstanding, the Company will employ as the transfer agent for the Common Stock, Shares and Warrant Shares a participant in the Depository Trust Company Automated Securities Transfer Program.

(h) Taxes. From the date of this Agreement and until the End Date, the Company will promptly pay and discharge, or cause to be paid and discharged, when due and payable, all lawful taxes, assessments and governmental charges or levies imposed upon the income, profits, property or business of the Company; provided, however, that any such tax, assessment, charge or levy need not be paid if the validity thereof shall currently be contested in good faith by appropriate proceedings and if the Company shall have set aside on its books adequate reserves with respect thereto, and provided, further, that the Company will pay all such taxes, assessments, charges or levies forthwith upon the commencement of proceedings to foreclose any lien which may have attached as security therefore.

(i) Insurance. From the date of this Agreement and until the End Date, the Company will keep its assets which are of an insurable character insured by financially sound and reputable insurers against loss or damage by fire, explosion and other risks customarily insured against by companies in the Company's line of business and location, in amounts and to the extent and in the manner customary for companies in similar businesses similarly situated and located and to the extent available on commercially reasonable terms.

(j) Books and Records. From the date of this Agreement and until the End Date, the Company will keep true records and books of account in which full, true and correct entries will be made of all dealings or transactions in relation to its business and affairs in accordance with generally accepted accounting principles applied on a consistent basis.

(k) Governmental Authorities. From the date of this Agreement and until the End Date, the Company shall duly observe and conform in all material respects to all valid requirements of governmental authorities relating to the conduct of its business or to its properties or assets.

(l) Intellectual Property. From the date of this Agreement and until the End Date, the Company shall maintain in full force and effect its corporate existence, rights and franchises and all licenses and other rights to use intellectual property owned or possessed by it and reasonably deemed to be necessary to the conduct of its business, unless it is sold for value. Schedule 9(l) hereto identifies all of the intellectual property owned by the Company and Subsidiaries.

(m) Properties. From the date of this Agreement and until the End Date, the Company will keep its properties in good repair, working order and condition, reasonable wear and tear excepted, and from time to time make all necessary and proper repairs, renewals, replacements, additions and improvements thereto; and the Company will at all times comply with each provision of all leases and claims to which it is a party or under which it occupies or has rights to property if the breach of such provision could reasonably be expected to have a Material Adverse Effect. The Company will not abandon any of its assets except for those assets which have negligible or marginal value or for which it is prudent to do so under the circumstances.

(n) Confidentiality/Public Announcement. From the date of this Agreement and until the End Date, the Company agrees that except in connection with a Form 8-K and the registration statement or statements regarding the Subscriber's Securities or in correspondence with the SEC regarding same, it will not disclose publicly or privately the identity of the Subscriber unless expressly agreed to in writing by a Subscriber or only to the extent required by law and then only upon not less than three days prior notice to Subscriber. In any

event and subject to the foregoing, the Company undertakes to file a Form 8-K describing the Offering not later than the fourth (4th) business day after the Initial Closing Date. Prior to the filing date of such Form 8-K, a draft in the final form will be provided to Subscriber for Subscriber's review and approval. In the Form 8-K, the Company will specifically disclose the amount of Common Stock outstanding immediately after the Closing. Upon delivery by the Company to the Subscriber after the Closing Date of any notice or information, in writing, electronically or otherwise, and while a Note, Conversion Shares or Warrants are held by Subscriber, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or Subsidiaries, the Company shall within one business day after any such delivery publicly disclose such material, nonpublic information on a Report on Form 8-K. In the event that the Company believes that a notice or communication to Subscriber contains material, nonpublic information relating to the Company or Subsidiaries, the Company shall so indicate to Subscriber prior to delivery of such notice or information. Subscriber will be granted sufficient time to notify the Company that Subscriber elects not to receive such information. In such case, the Company will not deliver such information to Subscriber. In the absence of any such indication, Subscriber shall be allowed to presume that all matters relating to such notice and information do not constitute material, nonpublic information relating to the Company or Subsidiaries.

(o) **Non-Public Information.** The Company covenants and agrees that except for the Reports, Other Written Information and schedules and exhibits to this Agreement and the Transaction Documents, which information the Company undertakes to publicly disclose on the Form 8-K described in Section 9(n) above, neither it nor any other person acting on its behalf will at any time provide Subscriber or its agents or counsel with any information that the Company believes constitutes material non-public information, unless prior thereto Subscriber shall have agreed in writing to accept such information. The Company understands and confirms that Subscriber shall be relying on the foregoing representations in effecting transactions in securities of the Company.

(p) **Negative Covenants.** So long as a Note or the Additional Investment Rights are outstanding, without the consent of the Subscriber, the Company will not and will not permit any of its Subsidiaries to directly or indirectly:

(i) RESERVED.

(ii) amend its certificate of incorporation, bylaws or its charter documents so as to materially and adversely affect any rights of the Subscriber (an increase in the amount of authorized shares and an increase in the number of directors will not be deemed adverse to the rights of the Subscriber);

(iii) repay, repurchase or offer to repay, repurchase or otherwise acquire or make any dividend or distribution in respect of any of its Common Stock, preferred stock, or other equity securities other than to the extent permitted or required under the Transaction Documents;

(iv) engage in any transactions with any officer, director, employee or any Affiliate of the Company, including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, or otherwise requiring payments to or from any officer, director or such employee or, to the knowledge of the Company, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee or partner, in each case in excess of \$100,000 other than (i) for payment of salary, or fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company, and (iii) for other employee benefits, including stock option agreements under any stock option plan of the Company; or

(v) RESERVED.

(q) RESERVED.

(r) RESERVED.

(s) Seniority. Except for Permitted Liens and/or Permitted Debt, for so long as the Note and Additional Investment Rights are outstanding, the Company shall not grant nor allow any security interest to be taken in the assets of the Company or any Subsidiary or any Subsidiary's assets; nor issue any debt, equity or other instrument which would give the holder thereof directly or indirectly, a right in any assets of the Company, which is equal to or superior (senior) to that of the Subscribers' interest or any Subsidiary or any right to payment equal to or superior to any right of the Subscriber as a holder of the Note in or to such assets or payment. For avoidance of doubt this Section shall not prevent the Company from issuing debt or granting a security interest if such debt and/or security interest is junior to the Notes.. As used herein, Permitted Liens shall mean: (A) Liens issued in connection with Excepted Issuances (as defined in Section 12 hereof), and (B) (a) Liens imposed by law for taxes that are not yet due or are being contested in good faith and for which adequate reserves have been established in accordance with generally accepted accounting principles; (b) carriers', warehousemen's, mechanics', material men's, repairmen's and other like Liens imposed by law, arising in the ordinary course of business and securing obligations that are not overdue by more than 30 days or that are being contested in good faith and by appropriate proceedings; (c) pledges and deposits made in the ordinary course of business in compliance with workers' compensation, unemployment insurance and other social security laws or regulations; (d) deposits to secure the performance of bids, trade contracts, leases, statutory obligations, surety and appeal bonds, performance bonds and other obligations of a like nature, in each case in the ordinary course of business; (e) Liens created with respect to the financing of the purchase of new property in the ordinary course of the Company's business up to the amount of the purchase price of such property; (f) easements, zoning restrictions, rights-of-way and similar encumbrances on real property imposed by law or arising in the ordinary course of business that do not secure any monetary obligations and do not materially detract from the value of the affected property; (g) liens which exist as of the date hereof and (h) liens set forth on Schedule 9(s) (each of (a) through (h), a "Permitted Lien"). Permitted Debt shall mean any debt of the Company that exists as of the date hereof and as set forth on Schedule 9(s) herein, and debt incurred in the ordinary course of the Company's business.

(t) Notices. For so long as the Subscribers hold any Securities, the Company will maintain a United States address and United States fax number for notice purposes under the Transaction Documents.

(u) Transactions With Insiders. So long as the Note, Warrants and Additional Investment Rights are outstanding, the Company shall not, and shall cause each of its subsidiaries not to, enter into, amend, modify or supplement, or permit any subsidiary to enter into, amend, modify or supplement any agreement, transaction, commitment, or arrangement relating to the sale, transfer or assignment of any of the Company's tangible or intangible assets with any of its Insiders (as defined below)(or any persons who were Insiders at any time during the previous two (2) years), or any Affiliates (as defined below) thereof, or with any individual related by blood, marriage, or adoption to any such individual. Affiliate for purposes of this Section 9(v) means, with respect to any person or entity, another person or entity that, directly or indirectly, (i) has a ten percent (10%) or more equity interest in that person or entity, (ii) has ten percent (10%) or more common ownership with that person or entity, (iii) controls that person or entity, or (iv) shares common control with that person or entity. "Control" or "Controls" for purposes hereof means that a person or entity has the power, direct or indirect, to conduct or govern the policies of another person or entity. For purposes hereof, "Insiders" shall mean any officer, director or manager of the Company, including but not limited to the Company's president, chief executive officer, chief financial officer and chief operations officer, and any of their affiliates or family members.

(v) **Blackout.** The Company undertakes and covenants that without the consent of the Subscriber, until the end of the "Exclusion Period", which shall be defined as the sooner of (i) the date all of the Conversion Shares and Additional Investment Rights have been registered in an effective registration statement, or (ii) until all the Notes are no longer outstanding, the Company will not enter into any acquisition, merger, exchange or sale or other transaction or fail to take any action that could have the effect of delaying the effectiveness of any pending registration statement beyond the effective date, or causing an already effective registration statement to no longer be effective or current for a period of forty-five or more days in the aggregate during any three hundred and sixty-five day period.

10. **Covenants of the Company Regarding Indemnification.** The Company agrees to indemnify, hold harmless, reimburse and defend the Subscriber, the Subscriber's officers, directors, agents, Affiliates, members, managers, control persons, and principal shareholders, against any claim, cost, expense, liability, obligation, loss or damage (including reasonable legal fees) of any nature, incurred by or imposed upon the Subscriber or any such person which results, arises out of or is based upon (i) any material misrepresentation by Company or breach of any representation or warranty by Company in this Agreement or in any Exhibits or Schedules attached hereto in any Transaction Document, or other agreement delivered pursuant hereto or in connection herewith, now or after the date hereof; or (ii) after any applicable notice and/or cure periods, any breach or default in performance by the Company of any covenant or undertaking to be performed by the Company hereunder, or any other agreement entered into by the Company and Subscriber relating hereto.

11. **Additional Post-Closing Obligations.**

11.1. **Piggy-Back Registrations.** If at any time until the Notes are no longer outstanding there is not an effective registration statement covering all of the Securities ("Registrable Securities") and the Company shall determine to prepare and file with the Commission a registration statement relating to an offering for its own account or the account of others under the 1933 Act of any of its equity securities, excluding on Form S-4 (as promulgated under the 1933 Act) or its then equivalent form and/or Form(s) S-8, then the Company shall send to each holder of any of the Securities written notice of such determination and, if within fifteen calendar days after receipt of such notice, any such holder shall so request in writing, the Company shall include in such registration statement all or any part of the Shares such holder requests to be registered subject to applicable SEC rules and regulations, subject to customary underwriter cutbacks applicable to all holders of registration rights. The obligations of the Company under this Section may be waived by any holder of any of the Securities entitled to registration rights under this Section 11.1. The holders whose Shares are included or required to be included in such registration statement are granted the same rights, benefits, liquidated or other damages and indemnification granted to other holders of Securities included in such registration statement. Notwithstanding anything to the contrary herein, the registration rights granted hereunder to the holders of Securities shall not be applicable for such times as such Shares may be sold by the holder thereof without restriction pursuant to Section 144(b)(1) of the 1933 Act. In no event shall the liability of any holder of Securities or permitted successor in connection with any Shares included in any such registration statement be greater in amount than the dollar amount of the net proceeds actually received by such Subscriber upon the sale of the Shares sold pursuant to such registration or such lesser amount applicable to other holders of Securities included in such registration statement. All expenses incurred by the Company in complying with Section 11, including, without limitation, all registration and filing fees, printing expenses (if required), fees and disbursements of counsel and independent public accountants for the Company, fees and expenses (including reasonable counsel fees) incurred in connection with complying with state securities or "blue sky" laws, fees of the NASD, transfer taxes, and fees of transfer agents and registrars, are called "Registration Expenses." All underwriting discounts and selling commissions applicable to the sale of Registrable Securities are called "Selling Expenses." The Company will pay all Registration Expenses in connection with the registration statement under Section 11. Selling Expenses in connection with each registration statement under Section 11 shall be borne by the holder and will be apportioned among such holders in proportion to the number of Shares included therein for a holder relative to all the Securities included therein for all selling

holders, or as all holders may agree.

11.2. Delivery of Unlegended Shares.

(a) Within three (3) business days (such third business day being the "Unlegended Shares Delivery Date") after the business day on which the Company has received (i) a notice that Shares or any other Common Stock held by a Subscriber have been sold pursuant to the Registration Statement or Rule 144 under the 1933 Act, (ii) a representation that the prospectus delivery requirements, or the requirements of Rule 144, as applicable and if required, have been satisfied, and (iii) the original share certificates representing the shares of Common Stock that have been sold, and (iv) in the case of sales under Rule 144, customary representation letters of the Subscriber and, if required, Subscriber's broker regarding compliance with the requirements of Rule 144, the Company at its expense, (y) shall deliver, and shall cause legal counsel selected by the Company to deliver to its transfer agent (with copies to Subscriber) an appropriate instruction and opinion of such counsel, directing the delivery of shares of Common Stock without any legends including the legend set forth in Section 4(i) above (the "Unlegended Shares"); and (z) cause the transmission of the certificates representing the Unlegended Shares together with a legended certificate representing the balance of the submitted Shares certificate, if any, to the Subscriber at the address specified in the notice of sale, via express courier, by electronic transfer or otherwise on or before the Unlegended Shares Delivery Date.

(b) In lieu of delivering physical certificates representing the Unlegended Shares, upon request of a Subscriber, so long as the certificates therefor do not bear a legend and the Subscriber is not obligated to return such certificate for the placement of a legend thereon, the Company shall cause its transfer agent to electronically transmit the Unlegended Shares by crediting the account of Subscriber's prime broker with the Depository Trust Company through its Deposit Withdrawal Agent Commission system, if such transfer agent participates in such DWAC system. Such delivery must be made on or before the Unlegended Shares Delivery Date.

(c) The Company understands that a delay in the delivery of the Unlegended Shares pursuant to Section 11 hereof later than two business days after the Unlegended Shares Delivery Date could result in economic loss to a Subscriber. As compensation to a Subscriber for such loss, the Company agrees to pay late payment fees (as liquidated damages and not as a penalty) to the Subscriber for late delivery of Unlegended Shares in the amount of \$100 per business day after the Delivery Date for each \$10,000 of purchase price of the Unlegended Shares subject to the delivery default. If during any 360 day period, the Company fails to deliver Unlegended Shares as required by this Section 11.2 for an aggregate of thirty (30) days, then each Subscriber or assignee holding Securities subject to such default may, at its option, require the Company to redeem all or any portion of the Shares subject to such default at a price per share equal to the greater of (i) 120%, or (ii) a fraction in which the numerator is the highest closing price of the Common Stock during the aforespecified thirty day period and the denominator of which is the lowest conversion price during such thirty day period, multiplied by the price paid by Subscriber for such Common Stock ("Unlegended Redemption Amount"). The Company shall pay any payments incurred under this Section in immediately available funds upon demand.

(d) In addition to any other rights available to a Subscriber, if the Company fails to deliver to a Subscriber Unlegended Shares as required pursuant to this Agreement, within seven (7) business days after the Unlegended Shares Delivery Date and the Subscriber or a broker on the Subscriber's behalf, purchases (in an open market transaction or otherwise) shares of common stock to deliver in satisfaction of a sale by such Subscriber of the shares of Common Stock which the Subscriber was entitled to receive from the Company (a "Buy-In"), then the Company shall pay in cash to the Subscriber (in addition to any remedies available to or elected by the Subscriber) the amount by which (A) the Subscriber's total purchase price (including brokerage commissions, if any) for the shares of common stock so purchased exceeds (B) the aggregate purchase price of the shares of Common Stock delivered to the Company for reissuance as Unlegended Shares together with interest

thereon at a rate of 15% per annum accruing until such amount and any accrued interest thereon is paid in full (which amount shall be paid as liquidated damages and not as a penalty). For example, if a Subscriber purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to \$10,000 of purchase price of shares of Common Stock delivered to the Company for reissuance as Unlegended Shares, the Company shall be required to pay the Subscriber \$1,000, plus interest. The Subscriber shall provide the Company written notice indicating the amounts payable to the Subscriber in respect of the Buy-In.

(e) In the event a Subscriber shall request delivery of Unlegended Shares as described in Section 11.2 and the Company is required to deliver such Unlegended Shares pursuant to Section 11.2, the Company may not refuse to deliver Unlegended Shares based on any claim that such Subscriber or any one associated or affiliated with such Subscriber has been engaged in any violation of law, or for any other reason, unless, an injunction or temporary restraining order from a court, on notice, restraining and/or enjoining delivery of such Unlegended Shares shall have been sought and obtained by the Company or at the Company's request or with the Company's assistance, and the Company has posted a surety bond for the benefit of such Subscriber in the amount of 120% of the amount of the aggregate purchase price of the Common Stock which are subject to the injunction or temporary restraining order, which bond shall remain in effect until the completion of arbitration/litigation of the dispute and the proceeds of which shall be payable to such Subscriber to the extent Subscriber obtains judgment in Subscriber's favor.

11.3. In the event commencing six months after the Closing Date and ending twenty-four months thereafter, the Subscriber is not permitted to resell any of the Shares, without any restrictive legend or if such sales are permitted but subject to volume limitations or further restrictions on resale as a result of the unavailability to non-affiliate Subscribers of Rule 144(b)(1)(i) under the 1933 Act or any successor rule (a "144 Default"), for any reason related to the Company except for Subscriber's status as an Affiliate or "control person" of the Company or change in current applicable securities laws, then the Company shall pay such Subscriber as liquidated damages and not as a penalty an amount equal to 2% for each thirty days (or such lesser pro-rata amount for any period less than thirty days) thereafter of the purchase price of the Shares by the Subscriber during the pendency of the 144 Default. Liquidated Damages shall not be payable pursuant to this Section 11.3 in connection with Shares for such times as such Shares may be sold by the holder thereof without volume or other restrictions pursuant to Section 144(b)(1)(i) of the 1933 Act.

12. (a) Right of Participation. Until the Notes are no longer outstanding, the Subscribers shall be given not less than ten business days prior written notice of any proposed sale by the Company of its Common Stock or other securities or equity linked debt obligations, except in connection with (i) full or partial consideration in connection with a strategic merger, acquisition, consolidation or purchase of substantially all of the securities or assets of corporation or other entity which holders of such securities or debt are not at any time granted registration rights, (ii) the Company's issuance of securities in connection with strategic license agreements and other partnering arrangements so long as such issuances are not for the purpose of raising capital and which holders of such securities or debt are not at any time granted registration rights, (iii) the Company's issuance of Common Stock or the issuances or grants of options to purchase Common Stock to employees, directors, and consultants, pursuant to plans described on Schedule 12(a), (iv) securities upon the exercise or exchange of or conversion of any securities exercisable or exchangeable for or convertible into shares of Common Stock issued and outstanding on the date of this Agreement and/or securities issuable and/or issued pursuant to agreements executed as of the date hereof, including pursuant to this Agreement as described on Schedule 12(a), and (v) as a result of the conversion of Notes which are granted or issued pursuant to this Agreement (collectively the foregoing (i) through (v) are "Excepted Issuances"). The Subscribers who exercise their rights pursuant to this Section 12(a) shall have the right during the ten business days following receipt of the notice to purchase for cash or by using the outstanding balance including principal, interest, liquidated damages and any other amount then owing to such Subscriber by the Company, such offered Common Stock, debt or other securities in accordance with the terms and conditions set forth in the notice of sale, and if the aggregate other offering is for

less than the amounts owned to the Subscribers, collectively; in the same proportion to each other as their purchase of Notes in the Offering. In the event such terms and conditions are modified during the notice period, the Subscribers shall be given prompt notice of such modification and shall have the right during the ten business days following the notice of modification to exercise the right to participate in such offering.

(b) Favored Nations Provision. Other than in connection with the Excepted Issuances, if at any time the Notes and Warrants are outstanding, the Company shall agree to or issue (the "Lower Price Issuance") any Common Stock or securities convertible into or exercisable for shares of Common Stock (or modify any of the foregoing which may be outstanding) to any person or entity at a price per share or conversion or exercise price per share which shall be less than the Conversion Price in effect at such time, or if less than the Warrant exercise price in effect at such time, without the consent of the Subscriber, then the Company shall issue, for each such occasion, additional shares of Common Stock to the Subscriber respecting those Conversion Shares and Warrants Shares that are then still owned by the Subscriber at the time of the Lower Price Issuance so that the average per share purchase price of the Shares or Warrant Shares purchased and owned by the Subscriber on the date of the Lower Price Issuance is equal to such other lower price per share and the Conversion Price and Warrant exercise price shall automatically be reduced to such other lower price. The average Purchase Price of the Conversion Shares and average exercise price in relation to the Warrant Shares shall be calculated separately for the Shares and Warrant Shares. The delivery to Subscriber of the additional shares of Common Stock shall be not later than the closing date of the transaction giving rise to the requirement to issue additional shares of Common Stock. Subscriber is granted the registration rights described in Section 11 hereof in connection with such additional shares of Common Stock. For purposes of the issuance and adjustment described in this paragraph, the issuance of any security of the Company carrying the right to convert such security into shares of Common Stock or of any warrant, right or option to purchase Common Stock shall result in the issuance of the additional shares of Common Stock upon the sooner of the agreement to or actual issuance of such convertible security, warrant, right or option and again at any time upon any subsequent issuances of shares of Common Stock upon exercise of such conversion or purchase rights if such issuance is at a price lower than the Conversion Price or Warrant exercise price in effect upon such issuance. Common Stock issued or issuable by the Company for no consideration or for consideration that cannot be determined at the time of issue will be deemed issuable or to have been issued for \$0.001 per share of Common Stock. The rights of Subscriber set forth in this Section 12 are in addition to any other rights the Subscriber has pursuant to this Agreement, the Note, any Transaction Document, and any other agreement referred to or entered into in connection herewith or to which Subscriber and Company are parties.

(c) Maximum Exercise of Rights. In the event the exercise of the rights described in Sections 12(a) and 12(b) would or could result in the issuance of an amount of Common Stock of the Company that would exceed the maximum amount that may be issued to Subscriber calculated in the manner described in Section 7.3 of this Agreement, then the issuance of such additional shares of Common Stock of the Company to Subscriber will be deferred in whole or in part until such time as Subscriber is able to beneficially own such Common Stock without exceeding the applicable maximum amount set forth calculated in the manner described in Section 7.3 of this Agreement and notifies the Company accordingly.

13. Miscellaneous.

(a) Notices. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, or facsimile, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by facsimile, with accurate confirmation generated by the transmitting facsimile machine, at the address or number designated below (if delivered on a business day during

normal business hours where such notice is to be received), or the first business day following such delivery (if delivered other than on a business day during normal business hours where such notice is to be received) or (b) on the second business day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The addresses for such communications shall be: (i) if to the Company, to: Advanced Cell Technology, Inc., 381 Plantation Street, Worcester, MA 01605, Attn: William M. Caldwell, IV, CEO, facsimile: (510) 202-255-8410, with a copy by fax only to: Sichenzia, Ross, Friedman & Ference LLP, 61 Broadway, 32nd Floor, New York, NY 10006, Attn: Thomas A. Rose, Esq., facsimile: (212) 930-9725, and (ii) if to the Subscriber, to: the address and fax number indicated on the signature page hereto, with an additional copy by fax only to: Grushko & Mittman, P.C., 551 Fifth Avenue, Suite 1601, New York, New York 10176, facsimile: (212) 697-3575.

(b) Entire Agreement; Assignment. Neither the Company nor the Subscriber has relied on any representations not contained or referred to in this Agreement and the documents delivered herewith. No right or obligation of the Company shall be assigned without prior notice to and the written consent of the Subscriber.

(c) Counterparts/Execution. This Agreement may be executed in any number of counterparts and by the different signatories hereto on separate counterparts, each of which, when so executed, shall be deemed an original, but all such counterparts shall constitute but one and the same instrument. This Agreement may be executed by facsimile signature and delivered by electronic transmission.

(d) Law Governing this Agreement. This Agreement shall be governed by and construed in accordance with the laws of the State of New York without regard to principles of conflicts of laws. Any action brought by either party against the other concerning the transactions contemplated by this Agreement shall be brought only in the state courts of New York or in the federal courts located in the state and county of New York. The parties to this Agreement hereby irrevocably waive any objection to jurisdiction and venue of any action instituted hereunder and shall not assert any defense based on lack of jurisdiction or venue or based upon forum non conveniens. The parties executing this Agreement and other agreements referred to herein or delivered in connection herewith on behalf of the Company agree to submit to the in personam jurisdiction of such courts and hereby irrevocably waive trial by jury. The prevailing party shall be entitled to recover from the other party its reasonable attorney's fees and costs. In the event that any provision of this Agreement or any other agreement delivered in connection herewith is invalid or unenforceable under any applicable statute or rule of law, then such provision shall be deemed inoperative to the extent that it may conflict therewith and shall be deemed modified to conform with such statute or rule of law. Any such provision which may prove invalid or unenforceable under any law shall not affect the validity or enforceability of any other provision of any agreement. Each party hereby irrevocably waives personal service of process and consents to process being served in any suit, action or proceeding in connection with this Agreement or any other Transaction Document by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law.

(e) Specific Enforcement, Consent to Jurisdiction. The Company and Subscriber acknowledge and agree that irreparable damage would occur in the event that any of the provisions of this Agreement were not performed in accordance with their specific terms or were otherwise breached. It is accordingly agreed that the parties shall be entitled to seek an injunction or injunctions to prevent or cure breaches of the provisions of this Agreement and to enforce specifically the terms and provisions hereof, this being in addition to any other remedy to which any of them may be entitled by law or equity. Subject to Section 13(d) hereof, the Company hereby irrevocably waives, and agrees not to assert in any such suit, action or proceeding, any claim that it is not personally subject to the jurisdiction in New York of such court, that the suit, action or

proceeding is brought in an inconvenient forum or that the venue of the suit, action or proceeding is improper. Nothing in this Section shall affect or limit any right to serve process in any other manner permitted by law.

(f) Damages. In the event the Subscriber is entitled to receive any liquidated damages pursuant to the Transactions Documents, the Subscriber may elect to receive the greater of actual damages or such liquidated damages.

(g) Maximum Payments. Nothing contained herein or in any document referred to herein or delivered in connection herewith shall be deemed to establish or require the payment of a rate of interest or other charges in excess of the maximum permitted by applicable law. In the event that the rate of interest or dividends required to be paid or other charges hereunder exceed the maximum permitted by such law, any payments in excess of such maximum shall be credited against amounts owed by the Company to the Subscriber and thus refunded to the Company.

(h) Calendar Days. All references to "days" in the Transaction Documents shall mean calendar days unless otherwise stated. The terms "business days" and "trading days" shall mean days that the New York Stock Exchange is open for trading for three or more hours. Time periods shall be determined as if the relevant action, calculation or time period were occurring in New York City. Any deadline that falls on a non-business day in any of the Transaction Documents shall be automatically extended to the next business day and interest, if any, shall be calculated and payable through such extended period.

(i) Captions: Certain Definitions. The captions of the various sections and paragraphs of this Agreement have been inserted only for the purposes of convenience; such captions are not a part of this Agreement and shall not be deemed in any manner to modify, explain, enlarge or restrict any of the provisions of this Agreement. As used in this Agreement the term "person" shall mean and include an individual, a partnership, a joint venture, a corporation, a limited liability company, a trust, an unincorporated organization and a government or any department or agency thereof.

(j) Consent. The provisions of this Agreement and the Transaction Documents, including but not limited to the Warrants, and any other agreement delivered in connection herewith, may be waived or amended in a written agreement executed by the Company and Subscribers representing not less than 67% of the outstanding principal amount of the Notes on the date consent is requested which 67% must include Alpha Capital Anstalt for so long as Alpha Capital Anstalt holds not less than \$200,000 of outstanding Notes (such amount being a "Majority in Interest"). Once the Notes are no longer outstanding, a Majority in Interest will mean Holders of not less than 67% of the Warrants. A Majority in Interest may consent to take or forebear from any action permitted under or in connection with the Transaction Documents, modify any Transaction Documents or waive any default or requirement applicable to the Company, Subsidiaries or Subscribers under the Transaction Documents provided the effect of such action does not waive any accrued interest or damages and further provided that the relative rights of the Subscribers to each other remains unchanged.

(k) Severability. In the event that any term or provision of this Agreement shall be finally determined to be superseded, invalid, illegal or otherwise unenforceable pursuant to applicable law by an authority having jurisdiction and venue, that determination shall not impair or otherwise affect the validity, legality or enforceability: (i) by or before that authority of the remaining terms and provisions of this Agreement, which shall be enforced as if the unenforceable term or provision were deleted, or (ii) by or before any other authority of any of the terms and provisions of this Agreement.

(l) Successor Laws. References in the Transaction Documents to laws, rules, regulations and forms shall also include successors to and functionally equivalent replacements of such laws, rules, regulations and forms. A successor rule to Rule 144(b)(1)(i) shall include any rule that would be available to a

non-Affiliate of the Company for the sale of Common Stock not subject to volume restrictions and after a six month holding period.

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SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: _____

Name:

Title:

Dated: November 12, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: <u>William R. McAdam</u> Address: <u>149 Manor Drive</u> <u>Mill Valley, CA 94941</u> Fax No.: <u>(415) 395-1556</u> Taxpayer ID# (if applicable): <u>572-35-0297</u> <u>William R. McAdam</u> (Signature) By: <u>William R. McAdam</u>	\$100,000	\$120,000		

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: _____

Name: _____

Title: _____

Dated: November 12, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: <u>JEDRZYKOWSKI</u> Address: <u>480 THROCKMORTON</u> <u>MILL VALLEY CA 94941</u> Fax No.: <u>415 942 3592</u> Taxpayer ID# (if applicable): <u>048 44 3564</u> (Signature) By: <u>JEDRZYKOWSKI</u>	1000,000	120,000	1000,000	120,000

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delavan Corporation

By:

Name: _____

Title

Dated: November 12, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber:				
Alpha Capital Analyst	\$600,000	\$100,000		
Address:				
9490 Fuerstentums Vaduz, Lichtenstein				
Fax No.:				
Taxpayer ID# (If applicable):				
(Signature)				
By: Konrad Adamann Director				

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: 
Name:
Title:

Dated: November 1, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: Brio Capital L.P. <hr/> Address: <i>401 E. 34th St.</i> <i>Suite 500H 33C</i> <i>New York, NY 10016</i> <hr/> Fax No.: <i>646-390-2158</i> <hr/> Taxpayer ID# (if applicable): <i>74-3155215</i> <hr/> (Signature) By: <i>THAYE MURRAY</i>	\$150,000.00	\$180,000.00	\$150,000.00	\$180,000.00

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: 
Name:
Title:

Dated: November 2, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: Brio Capital Select LLC	\$85,000	\$102,000	\$85,000	\$102,000
Address: <u>523 ALBERMARLE RD</u>				
Fax No.: <u>646390-2157</u>				
Taxpayer ID# (if applicable): <u>68-064831K</u>				
(Signature) By: <u>WILLIAM J. ABDALLAH</u>				

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: J.W.M. Colucci
Name:
Title:

Dated: November 12, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Paragon Capital LP Name of Subscriber:	\$ 50,000	\$ 60,000	\$ 50,000	\$ 60,000
Address: 110 East 59th Street, 29th fl., New York, NY 10022				
Fax No.: 212-202-5022				
Taxpayer ID# (if applicable): 20-3751143				
(Signature) By: <u>John ASH</u>				

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: 
Name:
Title:

Dated: November 12, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: <u>BARBARA MESHANE</u> Address: <u>39 SOUTHWIND CIR</u> <u>RICHMOND, CA 94804</u> Fax No.: <u></u> Taxpayer ID# (if applicable): <u>301-49-0512</u> <u>Wm. Caldwell</u> 11/12/09 (Signature) By:	\$ 50,000	\$ 64,000	\$ 50,000	\$ 60,000

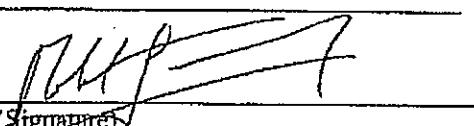
SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: 
Name:
Title:

Dated: November 12, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: <u>Midsummer Investment, Ltd</u> Address: <u>295 Madison Avenue, 30th floor</u> <u>New York, NY 10016</u> Fax No.: <u>1212 624 5040</u> Taxpayer ID# (if applicable): <u></u> (Signature) By: Michael A. Ausalem Director	\$250,000.00	\$300,000.00	\$250,000.00	\$300,000.00

11.11.09

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

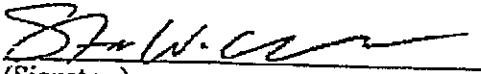
ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: _____

Name:

Title:

Dated: November 13, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: <u>GEMini MASTErz FUND, Ltd.</u> Address: <u>135 Liverpool Drive, #C</u> <u>CARDiff, CA 92007</u> Fax No.: <u>760-697-1119</u> Taxpayer ID# (if applicable): <u>98-0412542</u>  (Signature) By: <u>STEVEN W. WINTERS</u>	\$300,000	\$360,000		

SIGNATURE PAGE TO SUBSCRIPTION AGREEMENT

Please acknowledge your acceptance of the foregoing Subscription Agreement by signing and returning a copy to the undersigned whereupon it shall become a binding agreement between us.

ADVANCED CELL TECHNOLOGY, INC.
a Delaware corporation

By: 
Name:
Title:

Dated: November 13, 2009

SUBSCRIBER	INITIAL CLOSING PURCHASE PRICE (CASH)	INITIAL CLOSING PRINCIPAL AMOUNT OF NOTE	SECOND CLOSING PURCHASE PRICE (CASH)	SECOND CLOSING PRINCIPAL AMOUNT OF NOTE
Name of Subscriber: Pierce Atwood LLP Address: One Monument Square, Portland, ME 04101 Fax No.: 207-791-1350 Taxpayer ID# (if applicable): 01-0190452  (Signature) By: Gloria A. Pierce, managing partner	\$67,500.00	\$67,500.00 81,000	\$67,500.00	\$67,500.00 81,000

LIST OF EXHIBITS AND SCHEDULES

Exhibit A	Form of Note
Exhibit B	Form of Class A Warrant
Exhibit C	Form of AIR Note
Exhibit D	Additional Investment Rights Certificate
Exhibit E	Form of Class B Warrant
Exhibit F	Escrow Agreement
Exhibit G	Form of Legal Opinion
Schedule 5(a)	Subsidiaries
Schedule 5(d)	Additional Issuances / Capitalization
Schedule 5(l)	Defaults
Schedule 5(o)	Undisclosed Liabilities
Schedule 5(p)	Undisclosed Events or Circumstances
Schedule 5(q)	Financial Institutions
Schedule 5(x)	Transfer Agent
Schedule 8(a)	Due Diligence Fees
Schedule 9(e)	Use of Proceeds
Schedule 9(l)	Intellectual Property
Schedule 9(s)	Liens
Schedule 12(a)	Excepted Issuances / Permitted Debt

Schedule 5(a) Subsidiaries

Mytogen, Inc. (Delaware corporation) (wholly-owned) (has void status)

Schedule 5(d) Capitalization

Authorized: 1,750,000,000 shares of common stock, par value \$0.001, 50,000,000 shares of preferred stock, par value \$0.001.

Outstanding: 613,885,468 shares of common stock, 228.8 shares of Series A-1 redeemable convertible preferred stock (convertible into 22,880,000 shares of common stock), \$12,392,692 principal amount of amended and restated debentures with conversion price of \$0.10 per share, amended and restated warrants to purchase 192,172,519 shares of common stock at exercise price of \$0.10, warrants to purchase 123,374 shares of common stock with exercise price of \$0.95, warrants to purchase 236,000 shares of common stock with exercise price of \$0.25, warrants to purchase 119,469,207 shares of common stock with an exercise price of \$0.113, warrants to purchase 1,659,848 shares with exercise price of \$0.10, warrants to purchase 650,000 shares of common stock with exercise price of \$0.05, convertible note in the amount of \$320,000, with conversion price of lesser of \$0.25 or 80% of the average of the 3 (three) lowest trading prices in the 20 days previous to the conversion, convertible note in the amount of \$1,200,000, with conversion price of lesser of \$0.25 or 80% of the average of the 3 (three) lowest trading prices in the 20 days previous to the conversion, and 14,485,580 common stock purchase options.

Schedule 5(f)(iii) Registration and Anti-dilution Rights

Pursuant to a preferred stock purchase agreement between the Company and Optimus Capital Partners, LLC, dba Optimus Life Sciences Capital Partners, LLC (the "Investor"), dated November 2, 2009, the Investor has registration rights with respect to the shares of common stock issuable pursuant to the preferred stock purchase agreement, including 119,469,207 shares of common stock underlying warrants and shares of common stock payable as a commitment fee valued at \$500,000, based on 90% of the volume weighted average price of the Company's common stock on the five trading days preceding the payment date.

Pursuant to warrant agreements, piggy-back registration rights with respect to warrants to purchase 123,374 shares of common stock with exercise price of \$0.95, warrants to purchase 236,000 shares of common stock with exercise price of \$0.25, warrants to purchase 1,659,848 shares with exercise price of \$0.10, and warrants to purchase 650,000 shares of common stock with exercise price of \$0.05.

Schedule 5(o) Undisclosed Liabilities

On October 19, 2009, Advanced Cell Technology, the Company entered into two letter agreements with Volation Capital Partners LLC doing business as Volation Life Sciences Capital Partners, LLC ("Volation"), pursuant to which (i) the Company reduced the Conversion price of its outstanding Series

A-1 Convertible Preferred Stock issued to Volation to \$.10 per share resulting in 22,880,000 shares of Common Stock upon conversion, (ii) issued Volation 2,500,000 shares of its Common Stock and (iii) Volation waived the delinquency in non-payment of the Commitment fee required pursuant to the Preferred Stock Purchase Agreement between the Company and Volation.

In connection with an amendment to an agreement between the Company and JMJ Financial, dated _____ on October ___, 2009, the Company borrowed \$1,000,000 and issued a convertible promissory note for \$1,200,000. The Company shall pay a one-time interest payment of 12% of the principal of the promissory note which is due on the maturity date of the promissory note, which is October ___, 2012. The promissory note is convertible into shares of the Company's Common Stock at a conversion price of the lesser of (i) \$.25 per share or (ii) eighty percent of the average of the three lowest trade prices in the 20 trading days prior to the conversion.

In connection with an amendment to an agreement between the Company and JMJ Financial, dated _____ on October ___, 2009, the Company borrowed \$1,000,000 and issued a Secured & Collateralized Promissory Note. The Company shall pay a one-time interest payment of 10% of the principal of the promissory note which is due on the maturity date of the promissory note, which is October ___, 2012. The promissory note is secured by \$1,000,000 of a money market fund or other assets of the Company.

Schedule 5(p) Undisclosed Events

On October 19, 2009, Advanced Cell Technology, the Company entered into two letter agreements with Volation Capital Partners LLC doing business as Volation Life Sciences Capital Partners, LLC ("Volation"), pursuant to which (i) the Company reduced the Conversion price of its outstanding Series A-1 Convertible Preferred Stock issued to Volation to \$.10 per share resulting in 22,880,000 shares of Common Stock upon conversion, (ii) issued Volation 2,500,000 shares of its Common Stock and (iii) Volation waived the delinquency in non-payment of the Commitment fee required pursuant to the Preferred Stock Purchase Agreement between the Company and Volation.

In connection with an amendment to an agreement between the Company and JMJ Financial, dated _____ on October ___, 2009, the Company borrowed \$1,000,000 and issued a convertible promissory note for \$1,200,000. The Company shall pay a one-time interest payment of 12% of the principal of the promissory note which is due on the maturity date of the promissory note, which is October ___, 2012. The promissory note is convertible into shares of the Company's Common Stock at a conversion price of the lesser of (i) \$.25 per share or (ii) eighty percent of the average of the three lowest trade prices in the 20 trading days prior to the conversion.

In connection with an amendment to an agreement between the Company and JMJ Financial, dated _____ on October ___, 2009, the Company borrowed \$1,000,000 and issued a Secured & Collateralized Promissory Note. The Company shall pay a one-time interest payment of 10% of the principal of the promissory note which is due on the maturity date of the promissory note, which is October ___, 2012. The promissory note is secured by \$1,000,000 of a money market fund or other assets of the Company.

Schedule 5(x) Transfer Agent

Brandy Montvalo
Interwest Transfer Company, Inc.
1981 East 4800 South, Suite 100
P.O. Box 17136
Salt Lake City, UT 84117
Phone: 801-272-9294
Fax: 801-277-3147
email: brandy@interwesttc.com

Schedule 9(e) Use of Proceeds

None.

Schedule 9(l) Intellectual Property

Intellectual property owned by Advanced Cell Technology, Inc.:

Number		Filing	Issue	Expiration	
Patent	Country	Date	Date	Date*	Title
808,704	United States (US)	09/06/2000	10/26/2004	09/6/2020	Method for Generating Immune-Compatible Cells and Tissues Using Nuclear Transfer Techniques
I3162	Australia (AU)	09/06/2000	01/12/2006	09/6/2020	Method for Generating Immune-Compatible Cells and Tissues Using Nuclear Transfer Techniques
I5679	Mexico	09/06/2000	04/03/2009	09/06/2020	Method for Generating Immune-Compatible Cells and Tissues Using Nuclear Transfer Techniques
I6786	New Zealand (NZ)	09/06/2000	01/11/2007	09/6/2020	Method for Generating Immune-Compatible Cells and Tissues Using Nuclear Transfer Techniques
I2385	AU	10/13/2000	11/3/2005	10/13/2020	Method of Differentiation of Morula or Inner Cell Mass Cells and Method of Making Lineage-Defective Embryonic Stem Cells

18191	NZ	10/13/2000	05/10/2004	10/13/2020	Method of Differentiation of Morula or Inner Cell Mass Cells and Method of Making Lineage-Defective Embryonic Stem Cells
16236	NZ	06/30/2000	08/07/2005	06/30/2020	Cytoplasmic Transfer to De-Differentiate Recipient Cells
12286	AU	06/30/2000	10/27/2005	06/30/2020	Cytoplasmic Transfer to De-Differentiate Recipient Cells
11844	NZ	09/06/2000	12/08/05	09/06/2020	Telomere Restoration and Extension of Cell Life-Span in Animals Cloned from Senescent Somatic Cells
9347	NZ	12/20/2000	11/11/2004	12/20/2020	Method to Produce Cloned Embryos and Adults from Cultured Cells
1818200.0	China (CN)	12/20/2000	10/18/2006	12/20/2020	Method to Produce Cloned Embryos and Adults from Cultured Cells
453,366	US	03/15/1993	09/26/1995	09/26/2012	Method of Cloning Bovine Embryos
011,197	US	01/28/1999	01/04/2000	03/06/2017	Method of Cloning Bovines Using Reprogrammed Non-Embryonic Bovine Cells
395,958	US	07/15/1999	05/28/2002	03/06/2017	Method of Producing a Polypeptide in an Ungulate
496,720	US	02/10/1993	03/05/1996	03/05/2013	Parthenogenic Oocyte Activation
843,754	US	06/06/1995	12/01/1998	12/01/2015	Parthenogenic Bovine Oocyte Activation
194,202	US	03/04/1996	02/27/2001	02/10/2013	Parthenogenic Oocyte Activation
077,710	US	10/21/1998	06/20/2000	02/10/2013	Parthenogenic Oocyte Activation
346,990	US	03/12/1991	09/13/1994	09/13/2011	Sex-Associated Membrane Proteins and Methods for Increasing the Probability that Offspring will be of a Desired Sex

Intellectual property owned by Mytogen, Inc.:

Number		Filing	Issue	Expiration	
Patent	Country	Date	Date	Date*	Title
673,604	US	07/24/2000	01/06/2004	07/24/2020	Muscle Cells and Their Use in Cardiac Repair**
432,711	US	11/01/1994	08/13/2002	08/13/2019	Embryonic Stem Cells Capable of Differentiating into Desired Cell Lines
174,746	Canada (CA)	11/02/1994	04/24/2007	11/02/2014	Embryonic Stem Cells Capable of Differentiating into Desired Cell Lines

** Currently undergoing Inter Partes Reexamination

University of Massachusetts Exclusive License to Advanced Cell Technology, Inc.

Number		Expiration			
Patent	Country	Filing Date	Issue Date	Date*	Title
8365	NZ	10/27/2000	08/12/2004	10/27/2020	Gynogenetic or Androgenetic Production of Pluripotent Cells and Cell Lines, and Use Thereof to Produce Differentiated Cells and Tissues
I2846	AU	10/27/2000	12/15/2005	10/27/2020	Gynogenetic or Androgenetic Production of Pluripotent Cells and Cell Lines, and Use Thereof to Produce Differentiated Cells and Tissues
I94519	US	12/16/1996	11/30/1999	04/01/2016	Production of Chimeric Bovine or Porcine Animals Using Cultured Inner Cell Mass Cells
I05042	US	04/01/1996	05/08/1999	04/01/2016	Production of Chimeric Bovine or Porcine Animals Using Cultured Inner Cell Mass Cells

Schedule 9(s) Debt and Liens

\$12,445,647 principal amount of amended and restated debentures with conversion price of \$0.10 per share

Convertible note, dated March 17, 2009, amended August 25, 2009, in the amount of \$320,000, with conversion price equal to lesser of \$0.38 or 80% of the average of three lowest trade prices in the 20 trading days previous to the conversion.

Convertible note, dated October 1, 2009, in the amount of \$1,200,000, with conversion price equal to lesser of \$0.38 or 80% of the average of three lowest trade prices in the 20 trading days previous to the conversion.

Secured and collateralized promissory note, dated February 15, 2008, in the amount of \$1,000,000.

Secured and collateralized promissory note, dated October 1, 2009, in the amount of \$1,000,000.

Schedule 12(a) Excepted Issuances

Stock incentive or similar plans:

Advanced Cell Technology, Inc. 2005 Stock Incentive Plan, as amended.

Stock incentive or similar plans to be entered into

Preferred Stock Purchase Agreement, dated November 2, 2009, between the Company and Optimus Capital Partners, LLC, dba Optimus Life Sciences Capital Partners, LLC (the "Investor"), pursuant to which:

- The Company agreed to sell, and the Investor agreed to purchase, in one or more purchases from time to time ("Tranches") in the Company's sole discretion (subject to the conditions set forth therein), (i) up to 1,000 shares of Series B Preferred Stock (the "Preferred Shares") at a purchase price of \$10,000 per share, for an aggregate purchase price of up to \$10,000,000, and (ii) five-year warrants ("Warrants") to purchase shares of the Company's common stock with an aggregate exercise price equal to 135% of the purchase price paid by the Investor, at an exercise price per share equal to the closing bid price of the Company's common stock on the date the Company provides notice of such Tranche. The Warrants will be issued in replacement of a five-year warrant to purchase 119,469,027 shares of common stock with an exercise price per share of \$0.113 the Company issued on the Effective Date.

- the Company agreed to pay to the Investor a commitment fee of \$500,000 (the "Commitment Fee"), at the earlier of the closing of the first Tranche or the six month anniversary of the Effective Date, payable at the Company's election in cash or common stock valued at 90% of the volume weighted average price of the Company's common stock on the five trading days preceding the payment date.

- the Company agreed to use its best efforts to file within 60 days of the Effective Date, and cause to become effective as soon as possible thereafter, a registration statement with the Securities and Exchange Commission for the resale of all shares of common stock issuable pursuant to the Purchase Agreement, including the shares of common stock underlying the Warrants, and shares issuable in payment of the Commitment Fee.
- On November 3, 2009, the Company filed a certificate of designations for the Series B Preferred Stock (the "Certificate of Designations"). Pursuant to the Certificate of Designations, the Preferred Shares shall, with respect to dividend, rights upon liquidation, winding-up or dissolution, rank: (i) senior to the Company's common stock, and any other class or series of preferred stock of the Company, except Series A-1 Convertible Preferred Stock which shall rank senior in right of liquidation and *pari passu* with respect to dividends; and (ii) junior to all existing and future indebtedness of the Company. In addition, the Preferred Shares (a) shall accrue dividends at a rate of 10% per annum, payable in Preferred Shares, (ii) shall not have voting rights, and (iii) may be redeemed at the Company's option, commencing 4 years from the issuance date at a price per share of (a) \$10,000 per share plus accrued but unpaid dividends (the "Series B Liquidation Value"), or, at a price per share of : (x) 127% of the Series B Liquidation Value if redeemed on or after the first anniversary but prior to the second anniversary of the initial issuance date, (y) 118% of the Series B Liquidation Value if redeemed on or after the second anniversary but prior to the third anniversary of the initial issuance date, and (z) 109% of the Series B Liquidation Value if redeemed on or after the third anniversary but prior to the fourth anniversary of the initial Issuance Date

Consent, Amendment and Exchange Agreement, dated July 29, 2009, pursuant to which:

- The Company agreed to issue to each Holder in exchange for such Holder's Debenture an amended and restated Debenture (the "Amended and Restated Debentures") in a principal amount equal to the principal amount of such Holder's Debenture times 1.35 minus any interest paid thereon.
- The conversion price under the Amended and Restated Debentures was reduced to \$0.10, subject to further adjustment as provided therein (including for stock splits, stock dividends, and certain subsequent equity sales).
- The maturity date under the Amended and Restated Debentures was extended until December 31, 2010.
- The Amended and Restated Debentures bear interest at the rate of 12% per annum, which shall accrete to, and increase the principal amount payable upon maturity.
- The Amended and Restated Debentures will begin to amortize on September 25, 2009 at a rate of 6.25% of the outstanding principal amount per month, valued at the lesser of the then conversion price and 90% of the average volume weighted average price for the ten prior trading days.

- The Company agreed to issue to each Holder in exchange for such Holder's Warrant an amended and restated Warrant (the "Amended and Restated Warrants").
- The exercise price under the Amended and Restated Warrants was reduced to \$0.10 subject to further adjustment as provided therein (including for stock splits, stock dividends, and certain subsequent equity sales).
- The termination date under the Amended and Restated Warrants was extended until June 30, 2014.
- Each Holder agreed not to convert more than 20% of such Holder's outstanding principal amount of Amended and Restated Debenture in any month during the period from September 1, 2009 through January 31, 2010, provided, however, that this limitation will terminate if (i)(a) the volume weighted average price of the Company's common stock for each of 5 consecutive trading days is greater than \$0.15 per share, and (b) the trading volume on such days exceeds 7,500,000 shares per trading day, or (ii)(a) the volume weighted average price for any one trading day is greater than \$0.20 per share and (b) the trading volume on such day exceeds 10,000,000 shares.
- The Company agreed to amend the Company's articles of incorporation to increase the number of authorized shares of Common Stock (the "Amendment"). If the Company does not receive the requisite shareholder approval for, and receive acceptance of the filing for, the Amendment by September 25, 2009, the Company shall pay to the Holders, monthly commencing on September 25, 2009, until the Amendment is duly filed, liquidated damages equal to 5% of the purchase price of the Debentures.
- The Company agreed to increase the number of shares available for issuance under the Company's 2005 Stock Incentive Plan to 129,000,000 shares, by September 18, 2009.
- The Holders agreed to waive any event of default under the Debentures resulting solely from (i) any adjustment to the conversion price of the Debenture and exercise price of the Warrants that would result from the reduction of the conversion price of certain securities of the Company pursuant to the Stipulation of Settlement, dated March 11, 2009, between the Company and Alpha Capital, and (ii) any failure by the Company to reserve such number of authorized but unissued shares of common stock issuable upon conversion of the Debentures and exercise of the Warrants.

Convertible note, dated March 17, 2009, amended August 25, 2009, in the amount of \$320,000, with conversion price equal to lesser of \$0.38 or 80% of the average of three lowest trade prices in the 20 trading days previous to the conversion.

Convertible note, dated October 1, 2009, in the amount of \$1,200,000, with conversion price equal to lesser of \$0.38 or 80% of the average of three lowest trade prices in the 20 trading days previous to the conversion.

Warrants to purchase 123,374 shares of common stock with exercise price of \$0.95, warrants to purchase 236,000 shares of common stock with exercise price of \$0.25, warrants to purchase 1,659,848

shares with exercise price of \$0.10, and warrants to purchase 650,000 shares of common stock with exercise price of \$0.05.

SCHEDULE 8(a)

DUE DILIGENCE FEE

DUE DILIGENCE FEE RECIPIENT:

MOMONA CAPITAL LLC
150 Central Park South, 2nd Floor
New York, NY 10019
Fax: (212) 586-8244

250,000 restricted Shares of the Company's \$.001 par value Common Stock.